Joint Operational Medicine Information Systems Program Management Office

DHMS

Program Executive Office

DHMS — DHMSM
DHMS — DMIX
DHMS — JOMIS
DHMS — DoD/VA IPO
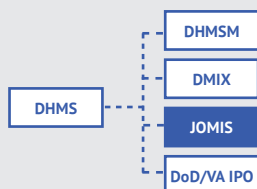
The mission of Joint Operational Medicine Information Systems (JOMIS) is to support the planning, procurement, and deployment of the new electronic health record (EHR) and follow-on theater capabilities to Department of Defense (DoD) expeditionary locations.

PROGRAM HISTORY

2013
» TMIP-J Increment 2 Release 2 (I2R2) recieved Director, Operational Test and Evaluation (DOT&E) Certification (December)
» TMIP-J I2R2 achieved Full Deployment Decision (December)

2014
» TMIP-J I2R3 recieved ICD-10 codes update (January)
» USD(AT&L) signed memo establishing JOMIS PMO (December)

2015
» Delivered TMIP-J I2R3 to the Services for Operational Test and Evaluation (June)
» USD(AT&L) signed memo for Authority to Proceed with product evaluation of the DoD EHR solution (September)
» USD(AT&L) approved JOMIS Acquisition Strategy (November)

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As of February 19, 2016

RECENT ACCOMPLISHMENTS

- Received Under Secretary of Defense for Acquisition, Technology and Logistics (USD(AT&L)) approval of JOMIS Acquisition Strategy
- Completed Product Evaluation of the DoD EHR product for existing requirements and briefed results to the Senior Stakeholders Group (SSG)
- Completed Follow-on Operational Test and Evaluation (FOT&E) for Theater Medical Information Program-Joint (TMIP-J) Increment 2 Release 3 (I2R3)

ACQUISITION STRATEGY

On December 23, 2014, the USD(AT&L) issued an Acquisition Decision Memorandum (ADM) establishing the JOMIS Program Management Office (PMO). The JOMIS PMO comprises the TMIP-J and elements of Medical Communications for Combat Casualty Care (MC4), TMIP-Air Force, TMIP-Maritime, and TMIP-Marine Corps.

In coordination with the the DHMS program offices, the Services' Infrastructure Offices, and the Defense Health Agency, JOMIS will provide capabilities that allow medical personnel in any operational environment access to the most relevant medical data for medical services and medical situational awareness across the full range of military operations.

The JOMIS program office is responsible for achieving the following program goals:
- Meet existing and emerging operational medicine requirements in theater
- Fully leverage the EHR solution configuration for care in theater
- Provide two-way information flow between garrison and theater

The first release of the JOMIS software will include the new DoD EHR capabilities acquired by the DoD Healthcare Management System Modernization (DHMSM) program. The JOMIS PMO will utilize the DoD EHR as the core application for accessing, capturing, and documenting medical care in an operational environment. JOMIS will also address the acquisition of any new capabilities to meet evolving operational requirements captured in an emerging Capabilities Development Document (CDD).

TMIP-J is the primary tactical medical system used by Combatant Commanders, Joint Task Force Commanders, and their medical support staff to make informed and timely decisions regarding the planning and delivery of healthcare services in theater. The JOMIS PMO will work with the Services to ensure legacy systems support operational medicine needs until the introduction of required operational environment improvements.

OPERATIONAL MEDICINE FOOTPRINT TODAY

450+	Forward & Resuscitative Sites
225	U.S. Navy Ships
75	Submarines
2	Hospital Ships
6	Theater Hospitals
3	Aeromedical Staging Facilities

Workload Captured from March 2007 to Present:

9+	Million Orders of Ancillary Services
7+	Million Outpatient Encounters

FY16 OBJECTIVES

- Bridge any information technology (IT) gaps between systems providing operational, peacetime, and humanitarian care to provide better medical care for beneficiaries
- Full Deployment for TMIP-J Increment 2 and transition to sustainment
- Decompose the emerging CDD into detailed JOMIS requirements
- Initiate theater capability gap analysis
- Develop acquisition for JOMIS future releases pursuant to the CDD

OPERATIONAL MEDICINE INFORMATION SYSTEMS

The TMIP-J program, consisting of 11 software components supporting the military's continuum of care from the battlefield to the home front, to include health data sharing with the Department of Veterans Affairs for follow-on care. In order to meet existing and emerging operational medicine (OM) requirements, the JOMIS system will integrate the EHR solution with Commercial Off-the-Shelf (COTS) and Government Off-the-Shelf (GOTS) products to meet OM capability requirements.

CLINICAL SYSTEMS

AHLTA-T
Armed Forces Health Longitudinal Technology Application - Theater (AHLTA-T)*
AHLTA-T is a fully compatible and deployable system with a similar look, feel, and functionality as AHLTA, but tailored to operate in the theater environment.

MCC
Mobile Computing Capability (MCC)*
MCC empowers first responders and providers at Level I treatment facilities with handheld mobility for healthcare documentation. MCC records the history, physical exam, and disposition in structured data terminology.

TMDS
Theater Medical Data Store (TMDS)
TMDS serves as the authoritative theater database for Service Members' medical information. Clinicians and caregivers, in both theater and Continental United States (CONUS) facilities, can use TMDS to view individual inpatient and outpatient records for patients treated in theater and patients receiving continuing care at Level IV facilities. Users can view all theater clinical information, including progress notes, laboratory, drug, and radiological history.

TC2
Theater Medical Information Program (TMIP) Composite Health Care System Caché (TC2)*
TC2 provides military healthcare providers an environment to access and document inpatient health, ancillary services order-entry, and result reporting in a deployed environment. Using the TMIP Framework for transmission of data to the TMDS, TC2 provides laboratory, radiology and pharmacy ordering, and results retrieval capabilities.

TMIP
Theater Medical Information Program (TMIP) Reporting
TMIP Reporting provides reporting capabilities on patient demographics, clinical, and other pertinent data utilizing the information residing in the AHLTA-T database.

MEDICAL AND LOGISTICS SUPPORT SYSTEMS

MMM
Maritime Medical Modules (MMM)
MMM is an automated, multi-user medical support application that tracks medical and dental readiness, environmental conditions, radiation exposure, and medical supplies of operational units.

DTRS/TIR
Deployable Tele-Radiology System/Theater Image Repository (DTRS/TIR)
The DTRS/TIR provides healthcare clinicians in theater access to radiographic images for tele-radiology and transfer back to definitive care Military Treatment Facilities.

DCAM
Defense Medical Logistics Standard Support (DMLSS) Customer Assistance Module (DCAM)
DCAM is a medical logistics ordering tool used by all Services that allows users to view their supplier's catalog and generate electronic orders. DMLSS is an automated and integrated information system with a comprehensive range of medical material, equipment, war reserve material, and facilities management functions for the Military Health System.

PMITS
Patient Movement Items Tracking System (PMITS)
PMITS is an information technology system within the Defense Medical Logistics – Enterprise Solution (DML-ES) portfolio. The DML-ES portfolio provides a continuum of medical logistics support, and PMITS tracks the status and location of biomedical equipment used during aeromedical evacuations of patients.

* To be replaced by DHMSM Segment 2 as part of the initial JOMIS release

COMMAND AND CONTROL SUPPORT SYSTEMS

MSAT
Medical Situational Awareness in the Theater (MSAT)
MSAT provides Joint Planners and Command and Control staff with actionable knowledge and enhanced medical situational awareness to assess risks, mitigate operational vulnerabilities, and allocate scarce combat resources. MSAT links information that encompasses disease and non-battle related injuries, physical and psychological trauma, patient tracking, environmental health, weather, and chemical/biological threats.

TRAC2ES Mobile
Transportation Command (TRANSCOM) Regulating and Command & Control Evacuation System (TRAC2ES) Mobile
TRAC2ES Mobile is an application on MC4 laptops that helps deployed medical staff coordinate and monitor patient movement between medical treatment facilities during peacetime, contingencies, war, and mass casualty situations.